

LECTOTYPES IN THE LOBELIACEAE  
HAWAIIAN PLANT STUDIES 91

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Since no types were indicated, it has been necessary to choose lectotypes for certain members of the Lobeliaceae in the Hawaiian flora.

Clermontia paradisica E. Wimm., Engler's Pflanzenreich IV, 276b, heft 107, 761-762, 1953.

Lectotype: Hawaiian Islands, Hawaii Island, Kohala Mts., along ditch trail, Pololu-Honokanenui, open forest and small gulches, Feb. 18, 1952, O. Degener & A. Greenwell 21,879 (BISH), here designated.

Wimmer based his species upon four collections, without indicating a holotype. Of the four numbers three are present in the Bishop Museum, and these were all redetermined by J. F. Rock as C. parviflora Gaud. The writer agrees that no. 21,880 is exactly C. parviflora, but the other two represent a different species, C. paradisica. For this species, no. 21,879 is here chosen as the lectotype.

Clermontia parviflora Gaud., var. intermedia Skottsberg, Göteborg. Bot. Trädg., Meddel. 15: 489-490, 1940.

Lectotype: Hawaiian Islands, Hawaii Island, Kohala Mts., Upper Hamakua Ditch Trail, between Koiawe and Alakahi valleys, Sept. 7, 1938, L. M. Cranwell, Selling & Skottsberg 3,149, here designated.

Skottsberg based his variety upon four syntypes, without any choice of a holotype. The number here chosen has two good branches, with flowers and fruit.

Cyanea angustifolia (Cham.) Hbd., var. tomentella Hbd., forma subpubescens E. Wimm., Engler's Pflanzenreich IV, 276b, heft 106, 71, 1956.

Lectotype: Hawaiian Islands, Oahu Island, Waianae Mts., Kukuiala Valley, 1,100-1,300 ft alt., Sept. 16, 1933, N. H. Krauss (BISH).

Of the two specimens cited by Wimmer, the Krauss collection is the most complete, so it is here chosen as the lectotype.